EDS ASSIGNMENT

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Class :- CS8

Roll No.:- 61

PRN :- 202401120002

Dataset Name:- Paper Review

Problem Statement

```
| import pandss as pd | import pandss | import
```

```
# 2. Find the highest review score for each reviewer.

highest_score_per_reviewer = df.groupby('Reviewer_ID')['Review_Score'].max()

print('Ni2. Highest review score for each reviewer.")

print(highest_score_per_reviewer)

# 3. Count the number of papers reviewed by each reviewer.

papers_reviewed_by_each = df.groupby('Reviewer_ID')['Paper_ID'].count()

print('Ni3. Humber of papers reviewed by each reviewer.")

print(papers_reviewed_by_each)

# 4. Find the paper with the highest review score.

highest_reviewed_paper = df.loc[dft' Review_Score'].idxmax()]

print('Ni3. Paper with the highest review score:")

print(highest_reviewed_paper)

# 5. Find the paper with the lowest review score.

lowest_reviewed_paper = df.loc[dft' Review_Score'].idxmin()]

print('Ni3. Paper with the lowest review score:")

print(lowest_reviewed_paper)

# 6. Calculate the average experience of all reviewers.

avg_experience = df' Reviewer_Experience (years)'].mean()

print('Ni6. Average experience of all reviewers:")

print('Ni6. Average experience of all reviewers:")
```

```
14. Average review score for papers from University A:
4.0

15. Revineer with the most review:
16. Paper with the highest review score for each reviswer:
16. Paper Discharge Discharge Discharge Company Service Company Serv
```

```
# 20. Find the difference in review scores between two reviewers (e.g., Reviewer 101 and Reviewer 102) for the same paper.

df_pivot = df.pivot(index='Paper_ID', columns='Reviewer_ID', values='Review_Score')

score diff_101_102 = df_pivot[101] - df_pivot[102]

print("\n20. Difference in review scores between Reviewer 101 and Reviewer 102 for each paper:")

print(score_diff_101_102)

128

129
```

```
20. Difference in review scores between Reviewer 101 and Reviewer 102 for each paper:

Paper_ID

1 NaN

2 NaN

3 NaN

4 NaN

5 NaN

6 NaN

7 NaN

8 NaN

9 NaN

7 NaN

8 NaN

9 NaN

10 NaN

10 NaN

10 NaN

10 NaN

11 NaN

10 NaN

11 NaN

12 NaN

13 NaN

14 NaN

15 NaN

16 NaN

17 NaN

18 NaN

19 NaN

10 NaN

10 NaN

10 NaN

11 NaN

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10 NaN

10
```